

SEQUENCE LISTING

<110> Sims, John E.

Born, Teresa L.

Smith, Dirk E.

<120> IL-1 ZETA, IL-1 ZETA SPLICE VARIANTS AND XREC2 DNAS AND
POLYPEPTIDES

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<150> 60/112.163

<151> 1998-12-14

<150> 60/146.675

<151> 1999-11-10

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<170> PatentIn Ver. 2.0

<210> 1

<211> 579

<212> DNA

<213> Homo sapiens

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<212> PRT

<213> Homo sapiens

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Lys	Phe	Ser	Ile	His	Asp	Gln	Asp	His	Lys	Val	Leu	Val	Leu	Asp	Ser
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Gly	Asn	Leu	Ile	Ala	Val	Pro	Asp	Lys	Asn	Tyr	Ile	Arg	Pro	Glu	Ile
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Ile	Phe	Tyr	Arg	Ala	Gln	Val	Gly	Ser	Trp	Asn	Met	Leu	Glu	Ser	Ala
			130					135					140		
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Val	Gly	Val	Thr	Asp	Lys	Phe	Glu	Asn	Arg	Lys	His	Ile	Glu	Phe	Ser
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<210> 4

<211> 696

<212> PRT

<213> Homo sapiens

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 35 40 45
 Val Arg Ile Lys Cys Ala Leu Phe Tyr Gly Tyr Ile Arg Thr Asn Tyr
 50 55 60
 Ser Leu Ala Gln Ser Ala Gly Leu Ser Leu Met Trp Tyr Lys Ser Ser
 65 70 75 80
 Gly Pro Gly Asp Phe Glu Glu Pro Ile Ala Phe Asp Gly Ser Arg Met
 85 90 95
 Ser Lys Glu Glu Asp Ser Ile Trp Phe Arg Pro Thr Leu Leu Gln Asp
 100 105 110
 Ser Gly Leu Tyr Ala Cys Val Ile Arg Asn Ser Thr Tyr Cys Met Lys
 115 120 125
 Val Ser Ile Ser Leu Thr Val Gly Glu Asn Asp Thr Gly Leu Cys Tyr
 130 135 140
 Asn Ser Lys Met Lys Tyr Phe Glu Lys Ala Glu Leu Ser Lys Ser Lys
 145 150 155 160
 Glu Ile Ser Cys Arg Asp Ile Glu Asp Phe Leu Leu Pro Thr Arg Glu
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 Pro Glu Ile Leu Trp Tyr Lys Glu Cys Arg Thr Lys Thr Trp Arg Pro
 180 185 190
 Ser Ile Val Phe Lys Arg Asp Thr Leu Leu Ile Arg Glu Val Arg Glu
 195 200 205
 Asp Asp Ile Gly Asn Tyr Thr Cys Glu Leu Lys Tyr Gly Gly Phe Val
 210 215 220

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Val Arg Arg Thr Thr Glu Leu Thr Val Thr Ala Pro Leu Thr Asp Lys
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 Pro Pro Lys Leu Leu Tyr Pro Met Glu Ser Lys Leu Thr Ile Gln Glu
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 Thr Gln Leu Gly Asp Ser Ala Asn Leu Thr Cys Arg Ala Phe Phe Gly
 260 265 270
 Tyr Ser Gly Asp Val Ser Pro Leu Ile Tyr Trp Met Lys Gly Glu Lys
 275 280 285
 Phe Ile Glu Asp Leu Asp Glu Asn Arg Val Trp Glu Ser Asp Ile Arg
 290 295 300
 Ile Leu Lys Glu His Leu Gly Glu Gln Glu Val Ser Ile Ser Leu Ile
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 Val Asp Ser Val Glu Glu Gly Asp Leu Gly Asn Tyr Ser Cys Tyr Val
 325 330 335
 Glu Asn Gly Asn Gly Arg Arg His Ala Ser Val Leu Leu His Lys Arg
 340 345 350
 Glu Leu Met Tyr Thr Val Glu Leu Ala Gly Gly Leu Gly Ala Ile Leu
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 Leu Leu Leu Val Cys Leu Val Thr Ile Tyr Lys Cys Tyr Lys Ile Glu
 370 375 380
 Ile Met Leu Phe Tyr Arg Asn His Phe Gly Ala Glu Glu Leu Asp Gly
 385 390 395 400
 Asp Asn Lys Asp Tyr Asp Ala Tyr Leu Ser Tyr Thr Lys Val Asp Pro
 405 410 415
 Asp Gln Trp Asn Gln Glu Thr Gly Glu Glu Glu Arg Phe Ala Leu Glu
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 Ile Leu Pro Asp Met Leu Glu Lys His Tyr Gly Tyr Lys Leu Phe Ile
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 Pro Asp Arg Asp Leu Ile Pro Thr Gly Thr Tyr Ile Glu Asp Val Ala
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 Arg Cys Val Asp Gln Ser Lys Arg Leu Ile Ile Val Met Thr Pro Asn
 465 470 475 480
 Tyr Val Val Arg Arg Gly Trp Ser Ile Phe Glu Leu Glu Thr Arg Leu
 485 490 495
 Arg Asn Met Leu Val Thr Gly Glu Ile Lys Val Ile Leu Ile Glu Cys
 500 505 510
 Ser Glu Leu Arg Gly Ile Met Asn Tyr Gln Glu Val Glu Ala Leu Lys

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515 520 525
 His Thr Ile Lys Leu Leu Thr Val Ile Lys Trp His Gly Pro Lys Cys
 530 535 540
 Asn Lys Leu Asn Ser Lys Phe Trp Lys Arg Leu Gln Tyr Glu Met Pro
 545 550 555 560
 Phe Lys Arg Ile Glu Pro Ile Thr His Glu Gln Ala Leu Asp Val Ser
 565 570 575
 Glu Gln Gly Pro Phe Gly Glu Leu Gln Thr Val Ser Ala Ile Ser Met
 580 585 590
 Ala Ala Ala Thr Ser Thr Ala Leu Ala Thr Ala His Pro Asp Leu Arg
 595 600 605
 Ser Thr Phe His Asn Thr Tyr His Ser Gln Met Arg Gln Lys His Tyr
 610 615 620
 Tyr Arg Ser Tyr Glu Tyr Asp Val Pro Pro Thr Gly Thr Leu Pro Leu
 625 630 635 640
 Thr Ser Ile Gly Asn Gln His Thr Tyr Cys Asn Ile Pro Met Thr Leu
 645 650 655
 Ile Asn Gly Gln Arg Pro Gln Thr Lys Ser Ser Arg Glu Gln Asn Pro
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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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Trp Glu Lys Asp Glu Pro Gln Cys Cys Leu Glu Asp Pro Ala Val Ser

20 25 30

Pro Leu Glu Pro Gly Pro Ser Leu Pro Thr Met Asn Phe Val His Thr

35 40 45

Ser Pro Lys Val Lys Asn Leu Asn Pro Lys Lys Phe Ser Ile His Asp

50 55 60

Gln Asp His Lys Val Leu Val Leu Asp Ser Gly Asn Leu Ile Ala Val

65 70 75 80

Pro Asp Lys Asn Tyr Ile Arg Pro Glu Ile Phe Phe Ala Leu Ala Ser

85 90 95

Ser Leu Ser Ser Ala Ser Ala Glu Lys Gly Ser Pro Ile Leu Leu Gly

100 105 110

Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys Asp Lys Asp Lys Gly Gln

115 120 125

Ser His Pro Ser Leu Gln Leu Lys Lys Glu Lys Leu Met Lys Leu Ala

130 135 140

Ala Gln Lys Glu Ser Ala Arg Arg Pro Phe Ile Phe Tyr Arg Ala Gln

145 150 155 160

Val Gly Ser Trp Asn Met Leu Glu Ser Ala Ala His Pro Gly Trp Phe

165 170 175

Ile Cys Thr Ser Cys Asn Cys Asn Glu Pro Val Gly Val Thr Asp Lys

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Phe Glu Asn Arg Lys His Ile Glu Phe Ser Phe Gln Pro Val Cys Lys

195 200 205

Ala Glu Met Ser Pro Ser Glu Val Ser Asp

210 215

<210> 9

<211> 197

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<212> PRT

<213> Homo sapiens

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 Asn Leu Asn Pro Lys Lys Phe Ser Ile His Asp Gln Asp His Lys Val
 35 40 45
 Leu Val Leu Asp Ser Gly Asn Leu Ile Ala Val Pro Asp Lys Asn Tyr
 50 55 60
 Ile Arg Pro Glu Ile Phe Phe Ala Leu Ala Ser Ser Leu Ser Ser Ala
 65 70 75 80
 Ser Ala Glu Lys Gly Ser Pro Ile Leu Leu Gly Val Ser Lys Gly Glu
 85 90 95
 Phe Cys Leu Tyr Cys Asp Lys Asp Lys Gly Gln Ser His Pro Ser Leu
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 Gln Leu Lys Lys Glu Lys Leu Met Lys Leu Ala Ala Gln Lys Glu Ser
 115 120 125
 Ala Arg Arg Pro Phe Ile Phe Tyr Arg Ala Gln Val Gly Ser Trp Asn
 130 135 140
 Met Leu Glu Ser Ala Ala His Pro Gly Trp Phe Ile Cys Thr Ser Cys
 145 150 155 160
 Asn Cys Asn Glu Pro Val Gly Val Thr Asp Lys Phe Glu Asn Arg Lys
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20 25 30
Leu Ala Ser Ser Leu Ser Ser Ala Ser Ala Glu Lys Gly Ser Pro Ile
35 40 45
Leu Leu Gly Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys Asp Lys Asp
50 55 60
Lys Gly Gln Ser His Pro Ser Leu Gln Leu Lys Lys Glu Lys Leu Met
65 70 75 80
Lys Leu Ala Ala Gln Lys Glu Ser Ala Arg Arg Pro Phe Ile Phe Tyr
85 90 95
Arg Ala Gln Val Gly Ser Trp Asn Met Leu Glu Ser Ala Ala His Pro
100 105 110
Gly Trp Phe Ile Cys Thr Ser Cys Asn Cys Asn Glu Pro Val Gly Val
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Thr Asp Lys Phe Glu Asn Arg Lys His Ile Glu Phe Ser Phe Gln Pro
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: antigenic
peptide used in fusion proteins

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<210> 12

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<212> PRT

$\langle 220 \rangle$

<400> 12

<210> 13

<211> 33

<212> PRT

<213> Artificial Sequence

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<400> 13

<210> 14

<211> 8

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: polymorphic sequence from exon 2 of Tango 77

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<210> 15

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: polymorphic
sequence from exon 2 of Tango 77

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Pro Ala Val Ser Pro Leu Glu Pro

1 5

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